

# THE TECH

VOL. XXXII. NO. 7

BOSTON, MASS., MONDAY, OCTOBER 7, 1912

PRICE TWO CENTS

## FRESHMEN ARE BEATEN BY SOMERVILLE HIGH

**Snappy Game of Football Marked By Individual Play—Score, 13-3.**

At Somerville, before a crowd of 800 people, the Freshman football team played their first game of the season with Somerville High. The score was 13 to 3 in favor of Somerville, the local lads scoring two touchdowns in the third period and kicking one goal. In the last few seconds of play Captain Leeper, of the Freshmen, placed a drop-kick over the bar after the team had plunged through the heavy Somerville line for four successive downs. Maier was the individual star for 1912. He made more tackles than any man in the game, followed the ball consistently, and time after time was instrumental in getting first down. Duff and Leeper worked well together for several forward passes that were good for fifteen to twenty-five yards each.

The Freshmen pulled well together considering that this was their first time that they have played together, nevertheless individual play was most conspicuous. The line was remarkably strong, being almost impregnable against the rushes of Somerville's heavy back-field. As a first attempt, the game put up by the Freshmen was remarkably good, and they ought to make the Sophomores sit up and take notice on Field Day.

Doane and Leland played well for Somerville, and it was due to their efforts in the second quarter that the two touchdowns were scored in such quick succession. After this outburst of fast play the Tech men held their own against the school boys, and in the last quarter outplayed them. The showing made by the Freshmen is remarkable, considering that they have only had three days of practice, and that Somerville, one of the best teams in this section of the State, has been practicing enough to enable them to develop their full strength.

**Freshmen.** **Somerville.**  
Moody, Nelson, r. e.,  
r. e., Dutelle, Dillon, McCarty, Coburn  
Jewett, r. t. .... r. t. Merrill  
Kaula, r. g. .... r. g. Wiley, Luciano  
Warren, c. .... c. Anderson, Cushing  
Mann, l. g. .... l. g. Baxter, Palmer  
Forte, l. t. .... l. t. Robertson  
Duff, l. e. .... l. e. Wiswell, Dooling  
Murphy, q. b.  
q. b. Hirshon, Dartis, West, Smith  
Leeper, l. h. b.  
l. h. b. Leland, Bradley, Brown  
Roper, r. h. b. .... r. h. b. Ellis  
Maier, f. b. .... f. b. Doane, Sullivan

## SOPHOMORE TUG-OF-WAR.

Manager Blodgett of the Sophomore tug-of-war team wishes to call attention to the fact that practice is taking place every day in the Gym at 4.15, and wants to see more men out. Work started last week and up to date only a handful of men have shown up; 1915 had a fine team last year and have excellent chances for another winning team if a sufficient number come out.

**First Fresh:** "Does your German come in the morning or the afternoon?"

**Second Fresh:** "It's in the morning, but I haven't found out whether it's before recess or after."

## SUCCESSFUL DINNER GIVEN TO FRESHMEN

**Many Brilliant Speeches—Welcome Given to New Men by The Tech.**

One hundred and twenty-two members of the Class of 1916 attended the dinner given by THE TECH in the Union Saturday night, to welcome the new men to the Institute. Dean Burton, Professor Talbot, Major Cole, Coach Kanaly, H. D. Peck, '13; L. H. Lehmaier, '13, Editor-in-Chief of THE TECH; C. T. Guething, '16, and W. Shakespeare, '16, were the speakers of the evening. A. T. Gibson, General Manager of THE TECH, acted as toastmaster, and also made a short address of welcome to the Freshmen.

After enjoying one of Steward Colton's excellent dinners, Mr. Gibson introduced the Dean as the man the Freshmen will see a lot of and learn to know as their friend and adviser. Dean Burton started his speech by congratulating the men on the showing they had made at this first real opportunity they had of getting together in a social way. He went on to say that they were entering now as Technology men and should assume that standard. Institute men are known outside as hard workers, and all of them are ready to acknowledge that they are such. It is not the class room work, however, which is the only real training that a fellow receives here, but it is his association with his classmates and the rest of the student body that tends to broaden his mind.

The Union is perhaps the principal way in which this is helped if the fellows learn to know it and make the proper use of it.

Fellows coming here should think of something else besides themselves; they should think of their class. They should have class loyalty, he said, and loyalty to Technology will come later. Field Day was organized by the alumni to help class spirit, and the faculty favor it in every way. The Dean finished his talk by urging as many of the fellows as could, to go out for their class teams and do something for their class on Field Day.

In introducing Prof. Talbot, Mr. Gibson said: "You have all heard Dr. Talbot lecture before but you have never heard him speak." Prof. Talbot said that when he came to the Institute, in 1881, Rogers building was the only building they had. In 1883 Walker was added and was at that time considered entirely too large for the needs of the Chemical department; now it cannot accommodate all conveniently. The Class of 1916 will see the forming of the New Technology in the same way that he saw the present Institute grow in the manner that it has. He continued by saying that at the present time there is a new development taking place in our country, as witnessed by the number of Congresses that are assembling here instead of in Europe, as formerly. The recent Congress of Applied Chemistry is one of the many, he said, which shows the increase of respect for American industry and enterprise.

Major Cole was the next speaker, and he opened by saying that he was a "Freshman" last year, because this was only the second year of his connection with the Institute. He said that the Military Science course was of great value to the fellows because

(Continued to Page 3.)

## PROF. JACKSON GIVEN LEAVE OF ABSENCE

**Goes to England at Request of British Government—Harvard Loans Two Men.**

A leave of absence till January first has been given to Professor Dugald C. Jackson, head of the department of Electrical Engineering, who has gone to England at the British government's request.

A year or more ago, when the English Post Office Department considered the purchase of the different telephone lines it determined to call upon one another outside the country to work with the English Commission. The selection of the government was Professor Jackson of the Institute. He has been in consultation with the Englishmen two or three times, and is now called to England for the final work of appraisal. The importance of the matter may be judged from the fact that not less than fifteen hundred



exchanges are involved, with half a million subscribers, and the capitalization is not less than sixty million dollars.

It is also very interesting to Technology men to know that the other out-of-England expert in the matter is Hammond V. Hayes, a former student at the Institute and now a prominent Boston electrical engineer. Mr. Hayes is the expert who has been selected

(Continued to Page 2.)

## HARE AND HOUNDS.

**First Run Held From Newton Y. M. C. A. Saturday.**

The first Hare and Hound run took place Saturday afternoon from the Newton Y. M. C. A., with a large number of men attending for the initial day. The men were divided into two squads, the older men going about five miles, while the newer men were sent back about two miles from the finish.

F. H. Achard, '13, and O. G. Norton, '15, were the hares and laid an easy course, evenly distributed over fields and roads. The following men ran: Nye, McDonald, Wilkins, Peaslee, Gurney, Loveland, Lovell, Best, Passett, Hill, Lee, Field, Hallway and the following 1916 men: Guething, Coleman, White, Callahan, Walter and Keyes. Hallway is a Dartmouth runner and promises to considerably strengthen the cross-country team.

## C. E. FOX, 1914, PROVES STAR OF WEEKLY MEET

**Wins Three Firsts, a Second and Two Thirds—Several in High Jump.**

Although no very fast times were made at the first weekly track meet which was held at the Field Saturday, the races were close and the results were just those wished for, namely, to encourage the second rate men. C. E. Fox, 1914, was the all-round star, with three firsts, a second and two thirds to his credit. He took first in the discus throw, broad jump and shot-put, second in the high jump and third in the hammer and pole vault.

The hundred was rather slow, A. Crankshaw, 1914, taking first place in 11 seconds. The 220 was faster, L. Clarke, 1915, winning in 25.25 seconds. A. B. Curtis ran a good race in the 440, beating out E. Gagnon, 1913, for the blue ribbon. The high jump brought out a large number of men, and although the distance was not high, all the fellows were jumping within a few inches of each other, and much of the material looks promising. As the cross-country and distance men were on the hare and hound run, the half-mile was the longest distance run at the Field. A. R. Stubbs, 1914, took this event over W. B. Spencer, 1915.

The summary was as follows:

100-yard dash, first heat—Won by R. Burton, '16; second, C. L. Morse, '15. Time, 11.25 secs. Second heat won by C. Crankshaw, '14; second, W. E. Adams, '16. Time, 11 seconds. Final heat, won by C. Crankshaw; second, W. Adams; third, C. Morse. Time, 11 seconds.

220-yard dash—Won by L. Clarke, '15; second, R. Burton, '15; third, E. Urquart, '15. Time, 25.25 seconds.

440-yard dash—Won by A. B. Curtis, '15; second, E. Gagnon, '15; third, C. Crankshaw, '14. Time, 57.45 seconds.

(Continued on Page 2.)

## MANDOLIN CLUB.

**Membership to Be Increased to Thirty-five This Year.**

Plans for the Mandolin Club are now well under way, and it is expected that this year's club will be one of the best that the school has ever seen. The club has done exceedingly good work in the past, but with the present outlook there seems to be no reason why this year's performances should not show great improvement. Many of the old men are back and there is much good material among the new men.

This year plans have been completed to increase the membership to thirty-five men. This will give a better and more complete club and will permit of the rendering of such programs that could not be attempted with the smaller clubs of previous years. The increase in membership will also necessitate the addition of a larger number of men than usual, consequently offering a splendid opportunity for new men to make the club. Owing to the fact that it is almost impossible for the club officers to see all new men personally, it is urged that all men who play mandolins, mandolas or guitars, will report for the tryout on Wednesday, October 9, 1912.

# THE TECH

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#### MANAGING BOARD.

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MONDAY, OCTOBER 7, 1912

#### A NEW IDEA.

We propose during the present school year to run a series of editorials dealing with the future professional value and other general benefits pertaining to our life at Technology. It is also our intention to touch on the fallacies which exist in the popular mind concerning the respective parts of certain of our courses. The first of this series of editorials is contained in this issue. We invite criticism, and will gladly print all communications, that may reach us, on any subject connected with Institute life.

#### THE OBJECT.

It is the age of specialists, and men who come to the Institute are sure to have this thought either consciously or unconsciously behind their work in training themselves in special lines of engineering. It is of importance, however, that they keep also in mind the fact that professional specialists are many, and the Institute is not so much concerned to turn out professionals in one branch or another of engineering as to graduate specialists of a superior grade.

The aim is to make men competent in their chosen professions, but also, and of even more importance, to train them to meet the emergencies of life as thinkers and masters.

The student who thinks about his work and estimates his progress, has not only to consider what he is accomplishing as an engineer, pure and simple, but he should deliberately estimate his advancement in the power of taking the initiative in thought and deed. He is to keep always before him the idea that he is not being trained to be a machine, but a thinking man.

#### THINKING.

The trouble with the graduates from technical schools, a large employer from Canada said in Boston last summer, "is that they are afraid to think. They are clever with their hands, but they can't seem to use their heads. What I am after is men who understand that the valuable engineer isn't so much the one who knows things as the one who knows how to know things and what to do with them."

This is what the employers are constantly saying, and in the face of it too many undergraduates will go on stolidly committing things to memory as if that were the whole of education.

#### T. C. A. TO BE ACTIVE IN WORK FOR STUDENTS

#### Officers Hope For Considerable Increase in Membership This Year.

That branch of the T. C. A. activity which comes most into contact with the student body in general is the Thursday noon talks, given at 1:30 in the Union by prominent men of all professions. These talks are of an eminently practical nature, and, coming as they do from successful men, each of whom is an authority in his own line, they are invaluable to every Tech student. Each talk will be announced beforehand by bulletin and in THE TECH. The first will be given this coming Thursday by President Murfin, of Boston University, who spoke before a record gathering in the Union last year.

Another department which deserves great popularity is the Discussion Groups, each composed of about twenty members, which meet weekly, suiting the convenience of the members as to time and place. Each group chooses its own leader. Secretary Talbot, if desired, will lead as many of these groups as he is able. The subjects will be taken from the printed subject cards given out in the T. C. A. booklets.

The Church Co-operative Committee will attend to the publication among Tech students of notices of socials or any other church events of particular interest.

The Social Service department, composed of about fifty members, teaches English to the foreigners at Tech, helps strangers to get acquainted, and tries in general to give help wherever it is needed.

Occasional Members' Smokers are held during the year; they have been a great success during the past. The annual reception to the new men, already given, completes the list of the T. C. A. activities.

#### PROF. JACKSON.

(Continued from Page 1.)  
by the companies that are interested. Thus it is that the Institute of Technology presents the experts for both parties, an extraordinary evidence of the excellent reputation of the school abroad.

Harvard University has kindly come to the aid of the Institute, and Professor Jackson's lectures will be given by C. A. Adams, professor at Harvard of Electrical Engineering, and Assistant Professor O. M. W. Sprague of the department of Banking and Finance. The courses in the two institutions are not identical, for Professor Jackson has had a very large experience on the business side of electricity, which is indeed the reason for his being called abroad, and for this reason they are shaved by the Harvard men, who are so cordially leaned.

#### WEEKLY MEET.

(Continued from Page 1.)  
880-yard run—Won by A. B. Stubbs, '14; second, W. B. Spencer, '15; third, E. Gocell, '15. Time, 2 minutes, 19 4-5 seconds.

High jump—Won by I. Hall, '14; second, C. Fox, '14; third, E. Fribus, '16. Height, 5 feet 4 inches.

Broad jump—Won by C. Fox, '14; second, W. Hines, '14; third, R. Fribus, '16. Distance, 19 feet 1 1-2 inches.

Shot-put—Won by C. Fox, '14; second, C. Crowell, '15; third, W. Africa, '15. Distance, 33 feet.

Hammer—Won by W. Africa, '15; second, A. Curtis, '15; third, C. Fox, '14. Distance, 69 feet 7 inches.

Discus—Won by C. Fox, '14; second, W. Africa, '15; third, C. Crankshaw, '14. Distance, 85 feet 3 inches.

Pole vault—Won by E. Mangon, '13; second, F. Hurlbutt, '14; third, C. Fox, '14. Height, 9 feet.

# THE TECH

## Morning Delivery

THE TECH is prepared to deliver the paper before 3 a. m. to all students rooming on the following streets — St. James Avenue, Newbury St., The Fenway, Westland Avenue, Huntington Ave., below Massachusetts Ave., St. Botolph and cross streets.

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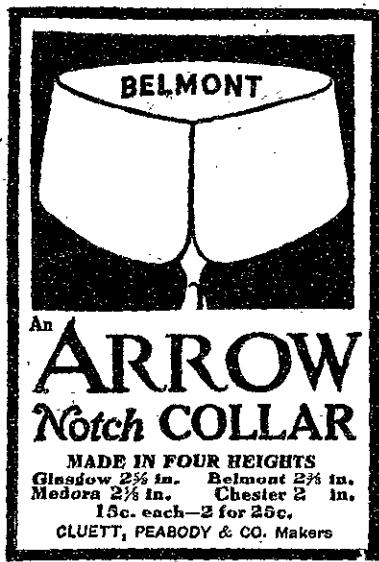
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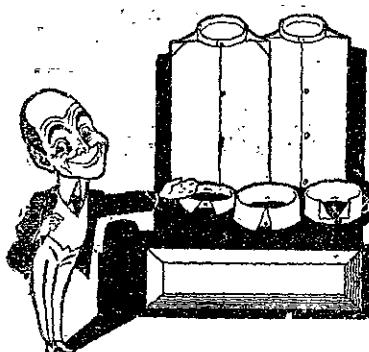
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WE CATER ESPECIALLY TO STUDENTS

### FRESHMEN DINNER.

(Continued from Page 1.)  
it provides one means of their getting together and learning to know each other. The professional societies are of special benefit to the fellows, in that they serve to broaden their minds and also furnish a chance for social life. He spoke particularly of the Civil Engineering Society, which is the one in which he is most interested, and which, he said, had lecturers here last year that were worth coming miles to hear. He ended up by saying that although the first-year men were technically known as Freshmen, they had all the benefits and privileges of upperclassmen, which showed the broadmindedness of Tech men.

Coach Kanaly said that the Physical Training course was the only one here that was for the body alone, all the others being intended for the mind, except Military Training, which trains both. The men coming here have their choice between gymnasium and track athletics, so that the men who can run, and also those who want to learn can come out for the teams. The purpose here is to make athletes out of students, and not students out of athletes, as is the case in a number of colleges. He said that if any fellows will come out to the field he will be glad to help them in any way he can. The Class of 1916, so far, has not made much showing in regard to a relay team for Field Day, and he said it was up to the class to turn out more men in the future.

H. D. Peck, as a member of the Advisory Council of THE TECH, then spoke to the fellows of the work done by THE TECH. He said that he hadn't realized until last year, when he was appointed to this position, what THE TECH really meant to Tech men. If the paper were to suddenly cease, he said, the fellows would realize that there was something missing around the Institute. He ended up by urging the fellows to get out and work for Field Day or they would always regret it, for their performance on this occasion is looked upon as a measure of their ability as a class and their quality as Tech men.

The Editor-in-Chief of THE TECH was the next speaker, and expressed a hearty welcome to the members of the Freshman class. He said that Technology men are put in a fine position and possess advantages that no other college men have. Fellows coming here have three duties, to their parents, to Tech, and to their country. In closing he said that THE TECH has a certain position here which it endeavors to fulfill; it is the business of the paper to criticize through the editorial column, and every one is requested to express his opinion in communications to the paper.

Guething, the temporary class chairman, then addressed the class and urged the fellows to come out for Field Day. He said the football team had already made a good start and there was quite a number of men out for the tug-of-war team, but only half a dozen men have showed up for relay work.

William Shakespeare, temporary class treasurer, then made an urgent appeal to the fellows to pay their class dues before Field Day.

The dinner broke up about ten-thirty with a rousing M. I. T. cheer, with three sixteens. After the dinner the Freshmen went over to Rogers' steps and cheered, and then proceeded down town, snake dancing all the way.

On arriving at Park Square they formed in a circle and danced around the arc light until dispersed. They formed again and marched down Boylston and Washington streets, and thence to Temple Place. Here they stopped, and the leaders taking advantage of their outburst of spirit urged all to come out for Field Day and beat the Sophomores. They then

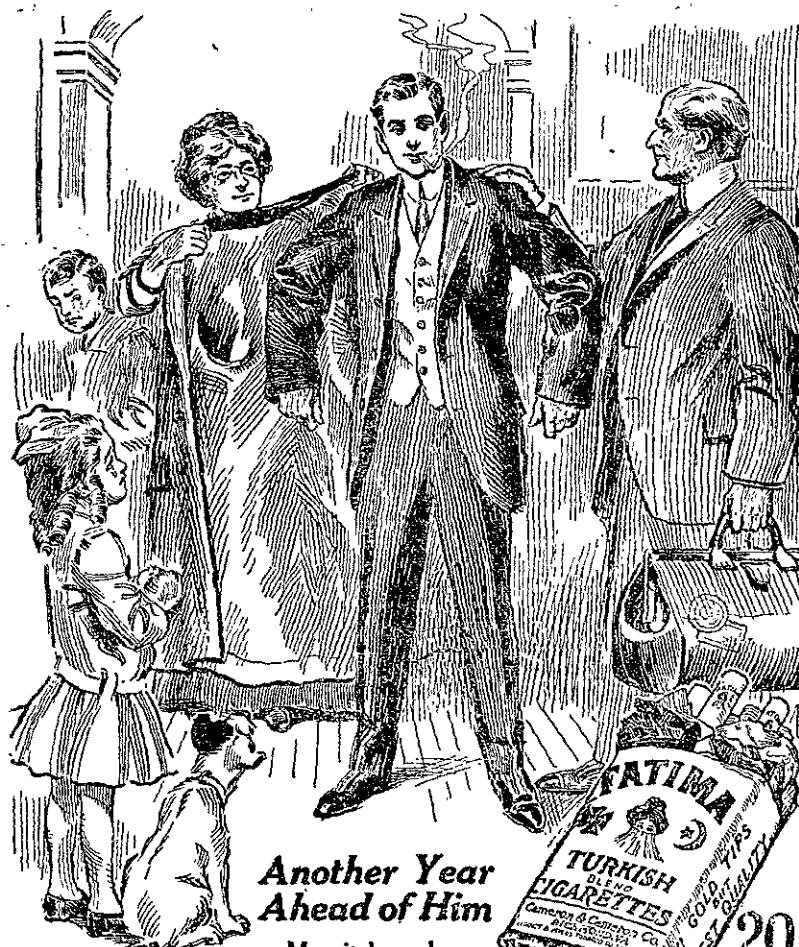
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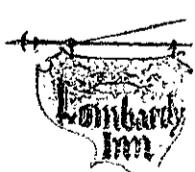
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**Classified Advertisements and Notices****FACULTY NOTICE.**

Third Year—Elements of Electrical Engineering—Change of Recitation Hour.

Section F will change from Tuesday, at 10 o'clock, to Wednesday, at 9, to recite in Room 20, Engineering B.

WALTER HUMPHREYS,  
Registrar.

**RADIATION, 832.**

Students desiring to take this course will please leave their names and available hours with Professor Goodwin, in Room 2 or 11, Walker, on or before Friday, October 11. (7-5t)

**SOPHOMORE CLASS** nominations are due a week from today, October 14th. All nominations must have ten signatures. (7-1t)

ALL MEN playing mandolins, mandolas or guitars who intend to join the Mandolin Club should report for the trials Oct. 9, in the Union. (7-3t)

**FRESHMEN DINNER.**

(Continued from Page 3.) went to the Common where, after an exciting chase, they caught a Spohomore and then attempted to duck him in the Frog Pond, but the chairman and others dissuaded their efforts and he was released.

The crowd then marched to Rogers, where they heard more speeches, and after several cheers they broke up and went home.

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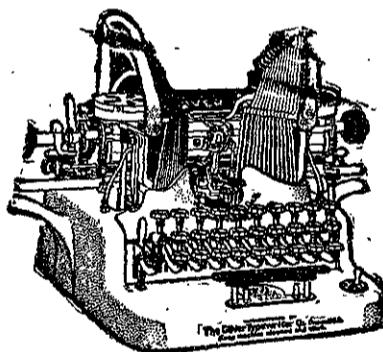
**CLASS OF 1913 NOMINATION** papers, signed by ten members of the class, must be left at the Cage before 4 P. M., MONDAY, Oct. 14, for the 1913 Election Committee. (6-7t)

**FREE TICKETS** to the Museum of Fine Arts for the year 1912-13 will be issued to students upon application at the ticket office at the entrance to the Museum. (6-7t)

**DRESS SUIT.** Anyone interested in getting a tailor-made dress suit, practically new, to fit a man 5 feet 8 inches tall, leave note at Cage for THE TECH. (5-3t)

**SOPHOMORE CLASS** nominations are due a week from Monday, October 14th. All nominations must have ten signatures. (5-2t)

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